IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Jean-Claude DULAC et al.

Conf.

Application No. NEW NATIONAL PHASE

Group

Filed December 20, 2004

Examiner

PROCESS, DEVICE AND SOFTWARE PACKAGE FOR LOCALLY DETERMINING THE SHAPE OF GEOLOGICAL HORIZONS

INFORMATION DISCLOSURE STATEMENT (SUBMISSION CONCURRENT WITH THE FILING OF A NEW PATENT APPLICATION)

Assistant Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

December 20, 2004

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

\boxtimes	Copies	of	the U	s.	patents	or pu	blications	are	not	submitted
_	since	the	USPTO	has	waived	their	submissior	ı for	app	plications
	filed	afte	r June	30,	2003.					

Submitted										
patent; (i	i) each	publi	catic	n or t	that p	ortion	wh	ich ca	aused	it
to be list					infor	mation	or	that	porti	on
which caus	ed it to	be li	sted							

This application is a National Phase of a PCT application.
 Some or all of the documents listed on the PTO-1449 are not
enclosed because they were cited in the International Search
Report and copies should have been forwarded from the
International Search Authority pursuant to the trilateral
agreement between the USPTO, EPO and JPO, or they are U.S.
patents or U.S. published applications. If copies are needed,
please contact the undersigned.

(cnec	ck at	DT01 Res'd PCT/FT 2 0 DEC 20
a.		DOCUMENTS IN THE ENGLISH LANGUAGE
		The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.
b.		DOCUMENTS NOT IN THE ENGLISH LANGUAGE
		A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:
c.	\boxtimes	FOREIGN SEARCH REPORT OR ACTION
		An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).
d.		OTHER

FEES

the Examiner's consideration.

Disclosure Statement is being filed filing of a new patent application; This Information being filed concurrently with the therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

YOUNG & THOMPSON

Eric Jensen, Reg./ No. 37,855 745 South 23rd Street Arlington, VA 22202 Telephone (703) 521-2297 Telefax (703) 685-0573 (703) 979-4709

The following additional information is provided for

EJ/yr Enclosures: \boxtimes Form PTO-1449(s) Documents \boxtimes Foreign Search Report Other:

Examiner Initial DTO1 Report PCT/PTT 2 0 DEFC 2004

Class

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Document Number

5,615,171

6,151,555

(Use several sheets if necessary)

Attorney Docket No.: **0528-1136**

Application No. 1 86 5 6 NEW NATIONAL PHASE

Filing date

(if appropriate)

Applicant:

HILDEBRAND

PEPPER et al.

Jean-Claude DULAC et al.

December 20, 2004

Name

Filing Date:

Group Art Unit:

Subclass

U.S. PATENT DOCUMENTS

Date

3/1997

11/2000

	6,138,076	10/20	000	GRAF et al.					
	4,672,546	6/198	37	FLINCHBA	JGH				
	5,930,730	7/199	99 1	KIRLIN et a	l.				
	2002/022930	2/200)2	DALLEY					
	2002/02200		-						
									Plane
	 								
	1						, 1		•
			DREIGN PA	TENT DO			- 		
Examiner Initial	Document Numb	er	Date		Country	Class	Subclass	Trans Yes	slation No
ar			1					165	INO
									1
									1
									_
									<u></u>
									'
	OTHER DOO	UMENTS	(Including	Author, Tit	e, Date, Pertine	nt Pages, E	tc.)		
	OTHER DOC	UMENTS	(Including A	Author, Tit	e, Date, Pertine	nt Pages, E	tc.)		
	OTHER DOC	UMENTS	(Including A	Author, Tit	le, Date, Pertine	nt Pages, E	tc.)		
	OTHER DOC	UMENTS	(Including /	Author, Tit	e, Date, Pertine	nt Pages, E	tc.)		
	OTHER DOC	UMENTS	(Including A	Author, Tit	e, Date, Pertine	nt Pages, E	tc.)		
	OTHER DOC	UMENTS	(Including A	Author, Tit	le, Date, Pertine	nt Pages, E	tc.)		
	OTHER DOC	UMENTS	(Including A	Author, Tit	le, Date, Pertine	nt Pages, E	tc.)		
	OTHER DOC	UMENTS	(Including A	Author, Tit	e, Date, Pertine	nt Pages, E	tc.)		
EXAMIN		UMENTS	(Including A		De, Date, Pertine	nt Pages, E	tc.)		

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if

* English language abstract provided for the Examiner's convenience

not in conformance and not considered. Include copy of this form with next communication to the applicant.